

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE									
TRANSMITTAL LETTER									
Atty. Docket No. UBAT1320									
<table border="1"> <tr> <td colspan="2">Applicants William B. Dress et al.</td> </tr> <tr> <td>Patent Number 6,744,518</td> <td>Issue Date June 1, 2004</td> </tr> <tr> <td colspan="2">For Interferometric source of multi-color, multi-beam entangled photons with mirror and mixer</td> </tr> <tr> <td>Application No. 09/939,303</td> <td>Filing Date August 24, 2001</td> </tr> </table>		Applicants William B. Dress et al.		Patent Number 6,744,518	Issue Date June 1, 2004	For Interferometric source of multi-color, multi-beam entangled photons with mirror and mixer		Application No. 09/939,303	Filing Date August 24, 2001
Applicants William B. Dress et al.									
Patent Number 6,744,518	Issue Date June 1, 2004								
For Interferometric source of multi-color, multi-beam entangled photons with mirror and mixer									
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Transmitted herewith for filing in the above-identified Patent are the following:

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Respectfully submitted,

John Bruckner PC

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Dated: 6/26/06

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Certificate
of Correction
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JUL 06 2006

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO.: 6,744,518

ISSUE DATE: June 1, 2004

INVENTOR(S): William B. Dress, Roger A. Kisner, Roger K. Richards

In column 4, line 8, replace " $\{\chi_1, \chi_2, \chi_3\}$ " with $\{\chi^1, \chi^2, \chi^3\}$..

In column 4, line 11, replace " $\{\phi_1 \chi_1\}$ " with $\{\phi_1 \chi^1\}$..

$$\omega = \alpha_{1,1}\phi_1\chi_1 + \alpha_{2,1}\phi_2\chi_1 + \alpha_{3,1}\phi_3\chi_1$$

$$+ \alpha_{1,2}\phi_1\chi_2 +$$

$$\alpha_{2,2}\phi_2\chi_2 + \alpha_{3,2}\phi_3\chi_2 + \alpha_{1,3}\phi_1\chi_3 + \alpha$$

In column 4, lines 15-20, replace " $\alpha_{2,3}\phi_2\chi_3 + \alpha_{3,3}\phi_3\chi_3$, " with

$$\omega = \alpha_{1,1}\phi_1\chi_1 + \alpha_{2,1}\phi_2\chi_1 + \alpha_{3,1}\phi_3\chi_1 + \alpha_{1,2}\phi_1\chi_2 +$$

$$+ \alpha_{2,2}\phi_2\chi_2 + \alpha_{3,2}\phi_3\chi_2 + \alpha_{1,3}\phi_1\chi_3 + \alpha_{2,3}\phi_2\chi_3 + \alpha_{3,3}\phi_3\chi_3, ..$$

MAILING ADDRESS OF SENDER:

Patent No. 6,744,518

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JUL 06 2006

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO.: 6,744,518

ISSUE DATE: June 1, 2004

INVENTOR(S): William B. Dress, Roger A. Kisner, Roger K. Richards

In column 4, lines 22-24, replace

$$\omega = (\alpha_{1,1}\phi_1 + \alpha_{2,1}\phi_2 + \alpha_{3,1}\phi_3)\chi_1 + (\alpha_{1,2}\phi_1 + \alpha_{2,2}\phi_2 + \alpha_{3,2}\phi_3)\chi_2 + (\alpha_{1,3}\phi_1 + \alpha_{2,3}\phi_2 + \alpha_{3,3}\phi_3)\chi_3 \quad (2)$$

$$\omega = (\alpha_{1,1}\phi_1 + \alpha_{2,1}\phi_2 + \alpha_{3,1}\phi_3)\chi_1 +$$

$$(\alpha_{1,2}\phi_1 + \alpha_{2,2}\phi_2 + \alpha_{3,2}\phi_3)\chi_2 + (\alpha_{1,3}\phi_1 + \alpha_{2,3}\phi_2 + \alpha_{3,3}\phi_3)\chi_3 \quad (2) \dots$$
In column 4, line 26, replace " $\omega = \zeta_1\chi_1 + \zeta_2\chi_2 + \zeta_3\chi_3$ " with $\omega = \zeta_1\chi_1 + \zeta_2\chi_2 + \zeta_3\chi_3 \dots$ In column 4, line 35, replace " $\omega = \zeta(\chi_1 + \chi_2 + \chi_3)$ " with $\omega = \zeta(\chi_1 + \chi_2 + \chi_3) \dots$ In column 4, line 35, replace " $\chi_1 + \chi_2 + \chi_3$ " with " $\chi_1 + \chi_2 + \chi_3$ "In column 4, line 35, replace " $\omega = a\phi_1\chi_2 + b\phi_2\chi_1$ " with " $\omega = a\phi_1\chi_2 + b\phi_2\chi_1$ "

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